

Title (en)
Ultrasonic diagnostic apparatus

Title (de)
Ultraschall-Diagnosegerät

Title (fr)
Appareil de diagnostic ultra-sonore

Publication
EP 0415324 B1 19960313 (EN)

Application
EP 90116395 A 19900827

Priority
JP 22267789 A 19890829

Abstract (en)
[origin: EP0415324A2] In the ultrasonic diagnostic apparatus arranged to simultaneously display two diagnostic images in the left and right halves on one display screen, there is provided a bulk storage (14) such as an optical disk wherein the images from an ultrasonic diagnostic imaging device (10) are stored. The images from the ultrasonic diagnostic imaging device (10), and those from the bulk storage (14) are supplied to first and/or second frame memories (24, 26). In the recording mode of the bulk storage (14), the images from the ultrasonic diagnostic imaging device (10) are written into the bulk storage (14) and also into the first and/or second frame memories (24, 26), the former being for displaying a frozen still picture and the latter being for displaying a motion picture. In the playback mode of the bulk storage (14), the playback images from the bulk storage (14) are written into only the first frame memory (24) or the second frame memory (26). The playback images are displayed both as a motion picture and a still picture as well as the still image frozen at the time of recording is displayed.

IPC 1-7
A61B 8/08

IPC 8 full level
G01N 29/06 (2006.01); **A61B 8/00** (2006.01); **A61B 8/06** (2006.01); **A61B 8/08** (2006.01); **G01S 7/52** (2006.01)

CPC (source: EP US)
A61B 8/06 (2013.01 - EP US); **A61B 8/08** (2013.01 - EP US); **G01S 7/52074** (2013.01 - EP US)

Cited by
EP0571288A3; US5677707A; US6086539A; US6093149A; US6110118A; US6030344A; WO0146713A1; US6464640B1; US6322511B1; US6241677B1; US6193664B1

Designated contracting state (EPC)
DE FR NL

DOCDB simple family (publication)
EP 0415324 A2 19910306; EP 0415324 A3 19910918; EP 0415324 B1 19960313; DE 69025826 D1 19960418; DE 69025826 T2 19961128; JP 2823256 B2 19981111; JP H0385147 A 19910410; US 5090413 A 19920225

DOCDB simple family (application)
EP 90116395 A 19900827; DE 69025826 T 19900827; JP 22267789 A 19890829; US 57116190 A 19900823